MISSOURI BOTANICAL GARDEN

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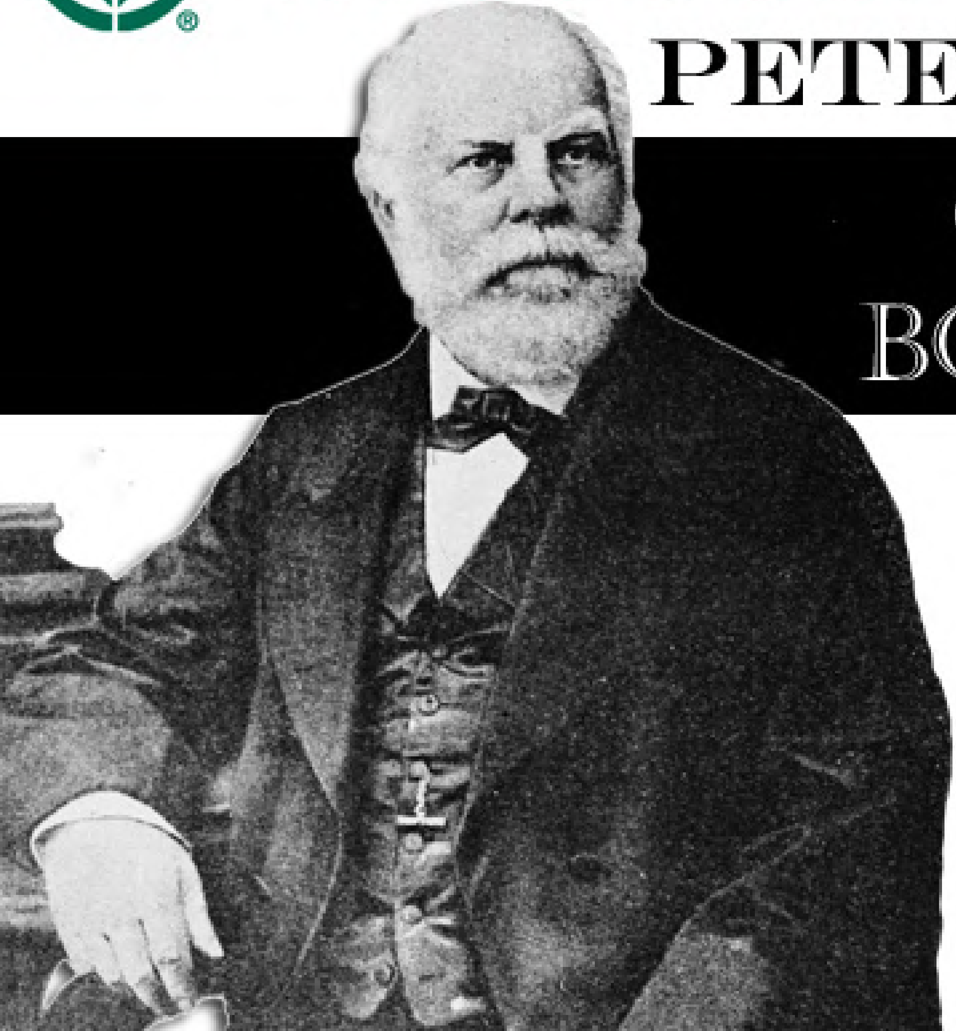
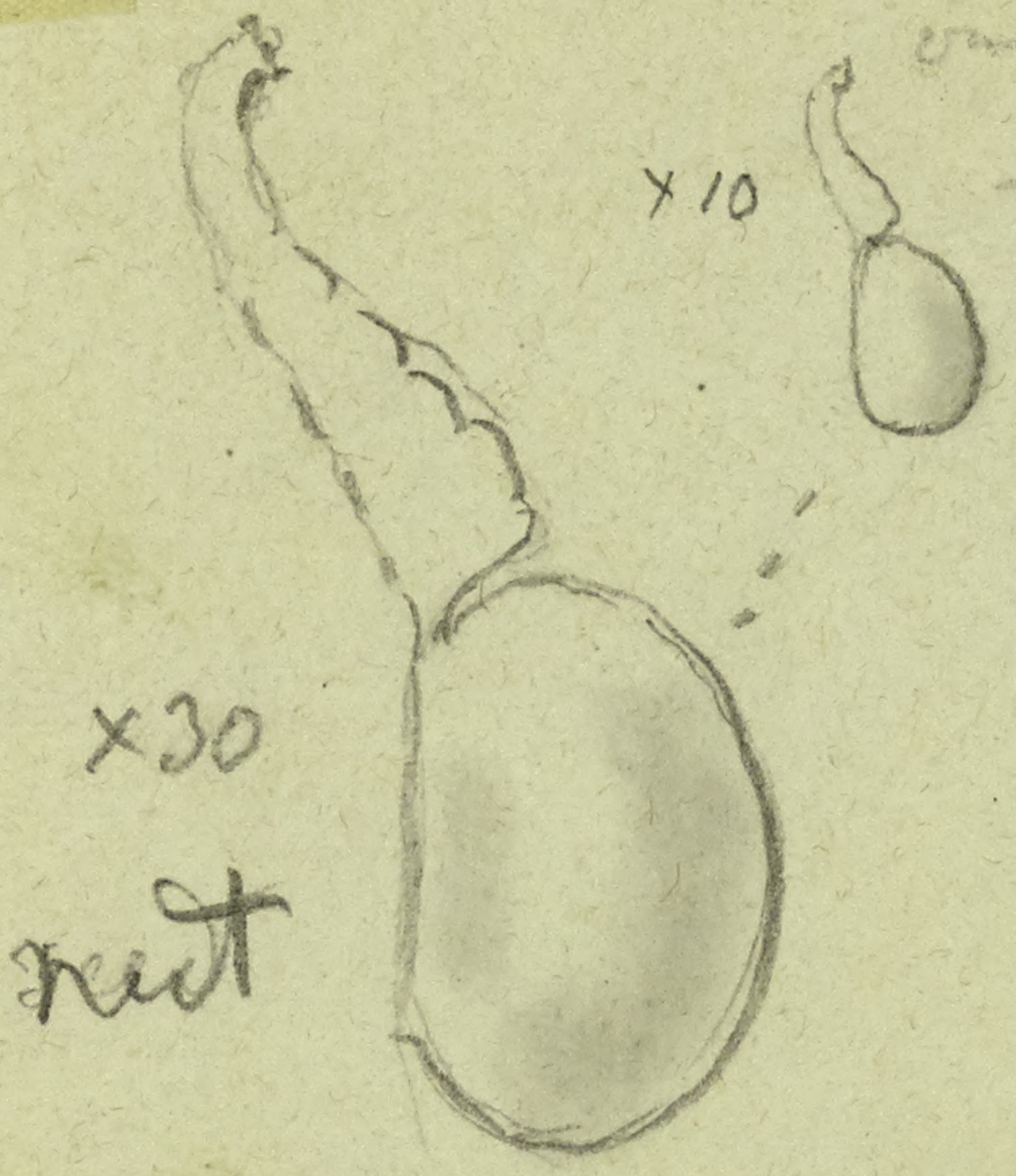
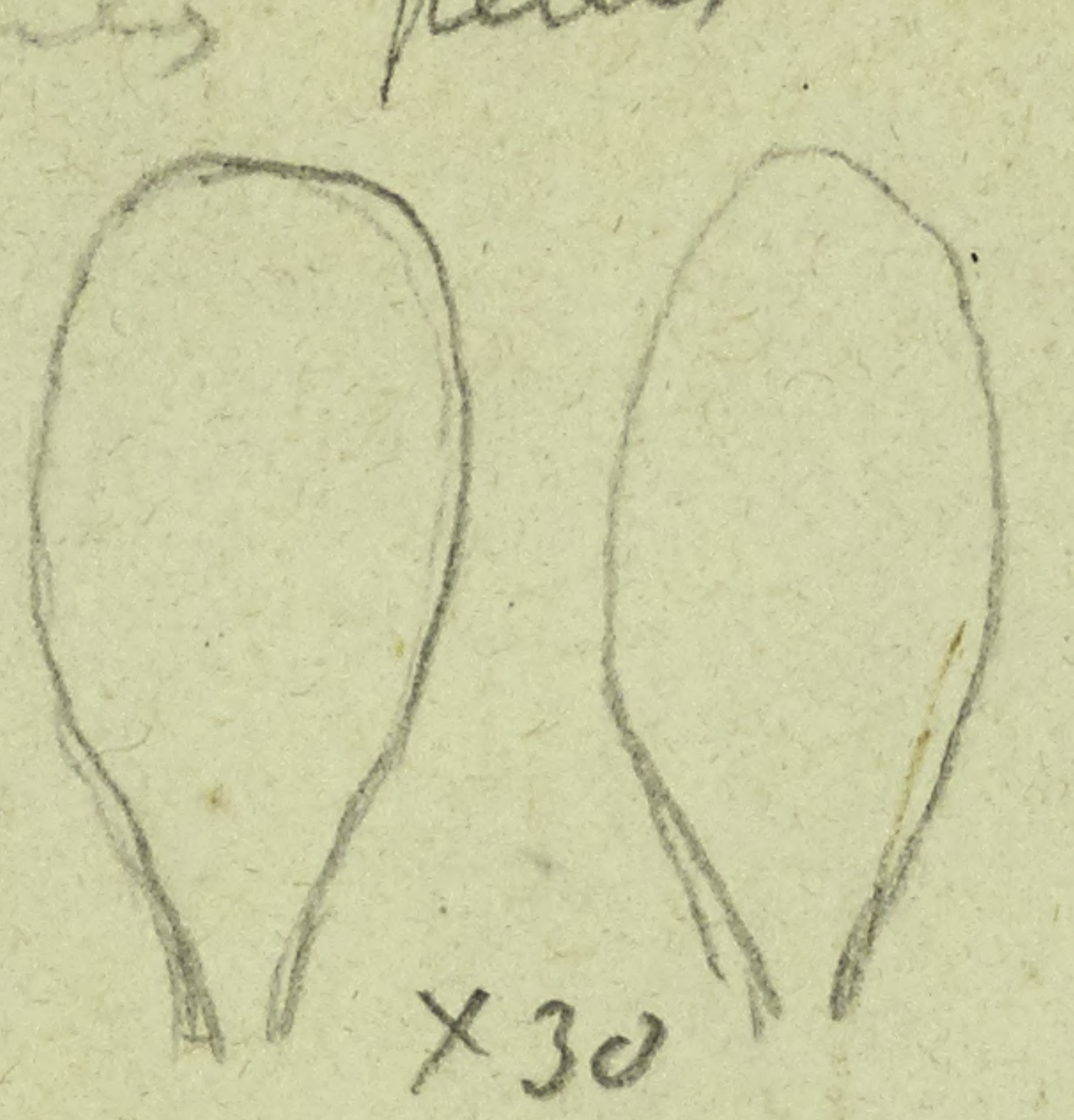


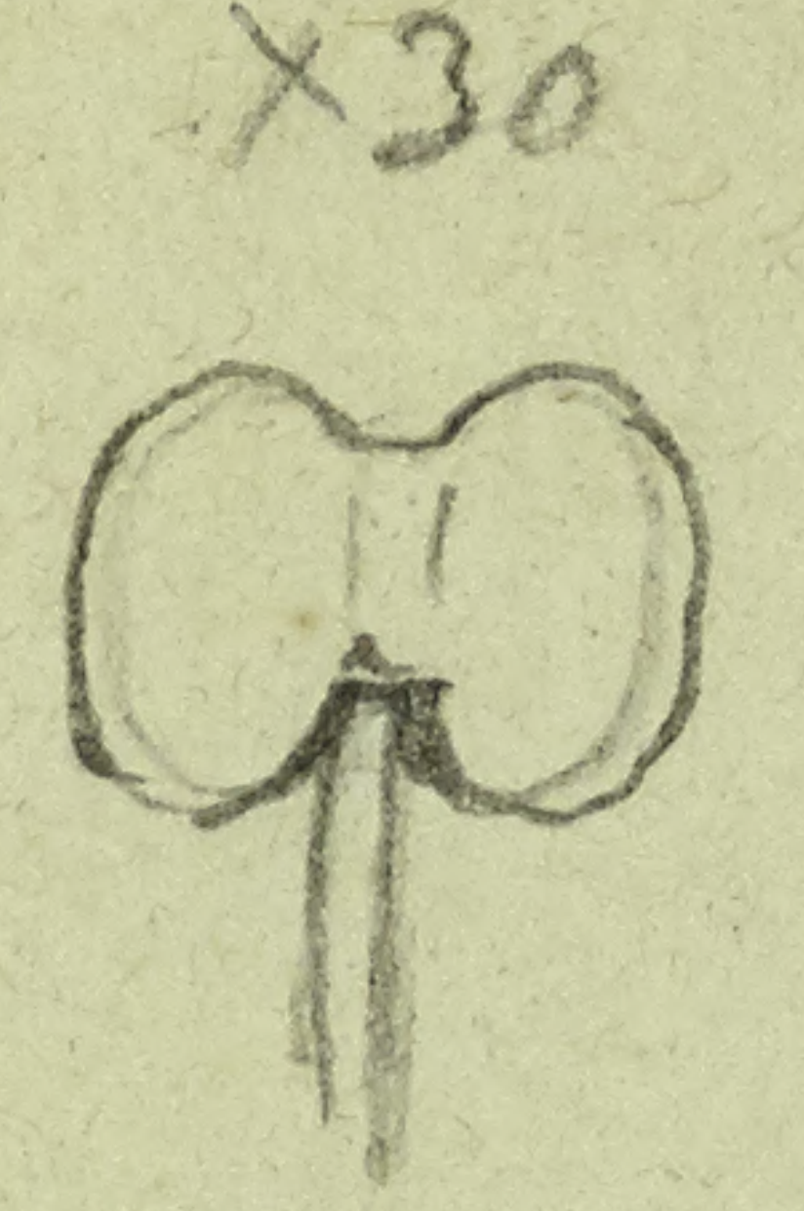
Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

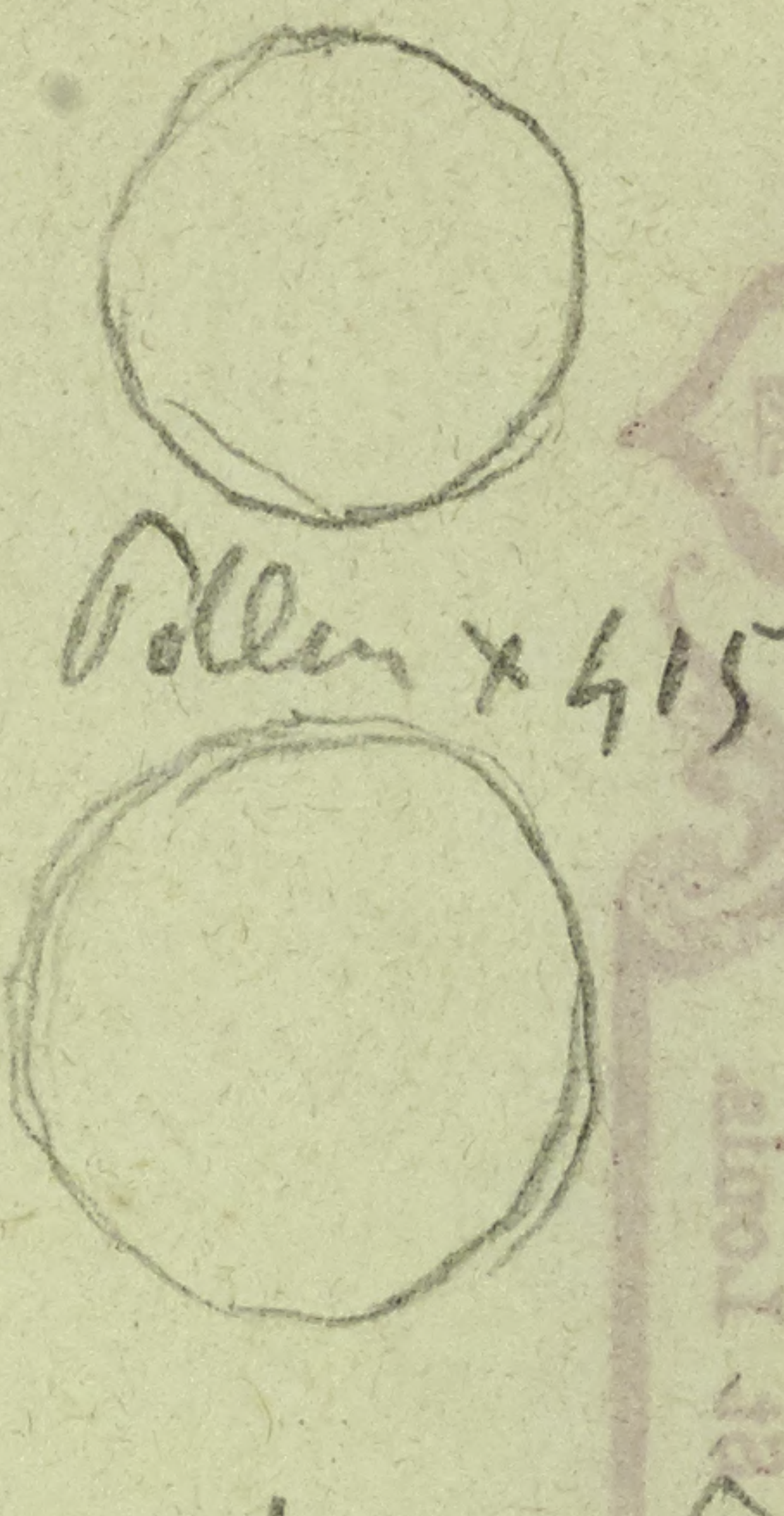
Potentilla millegrana St Louis July 8 1863

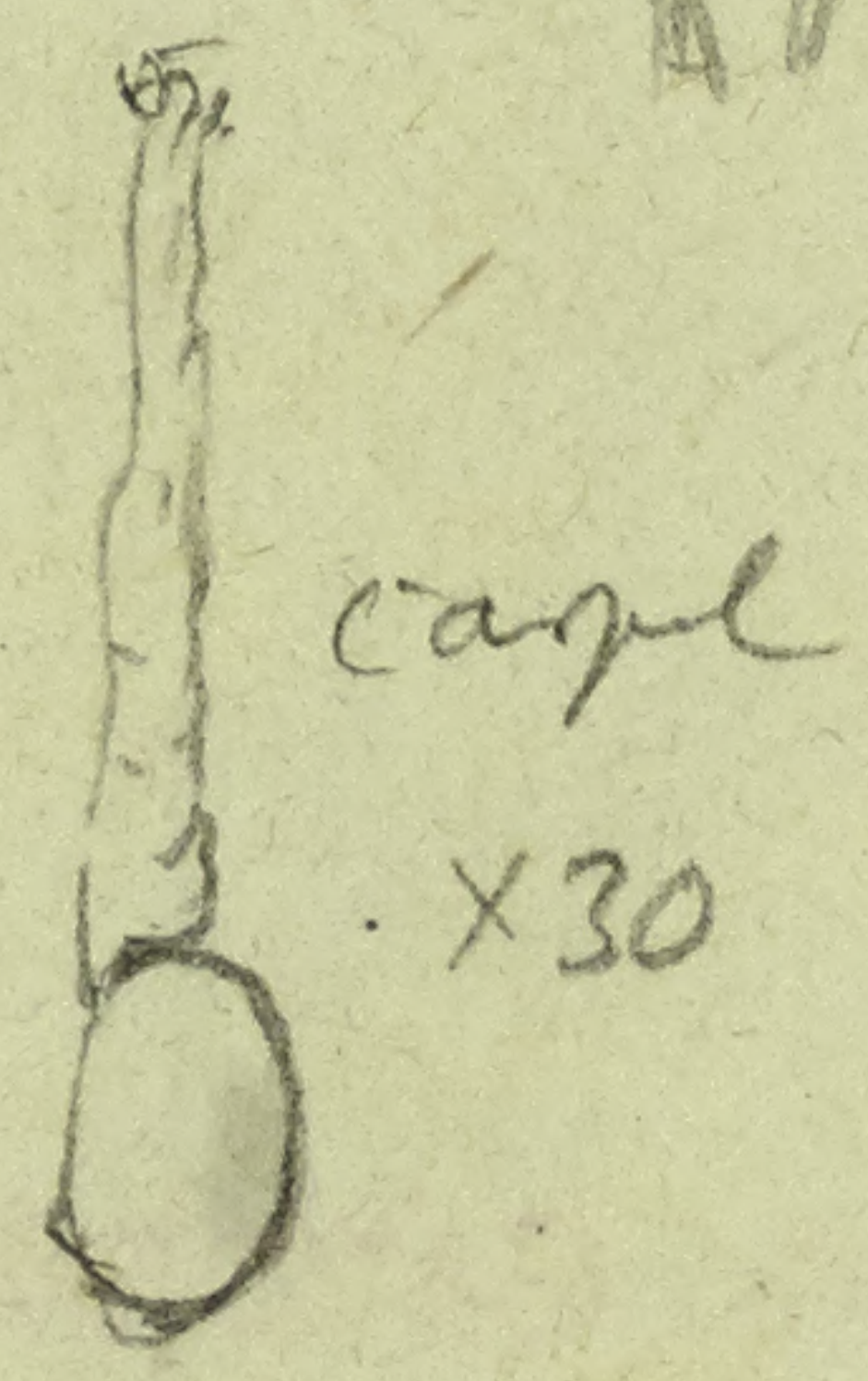
666

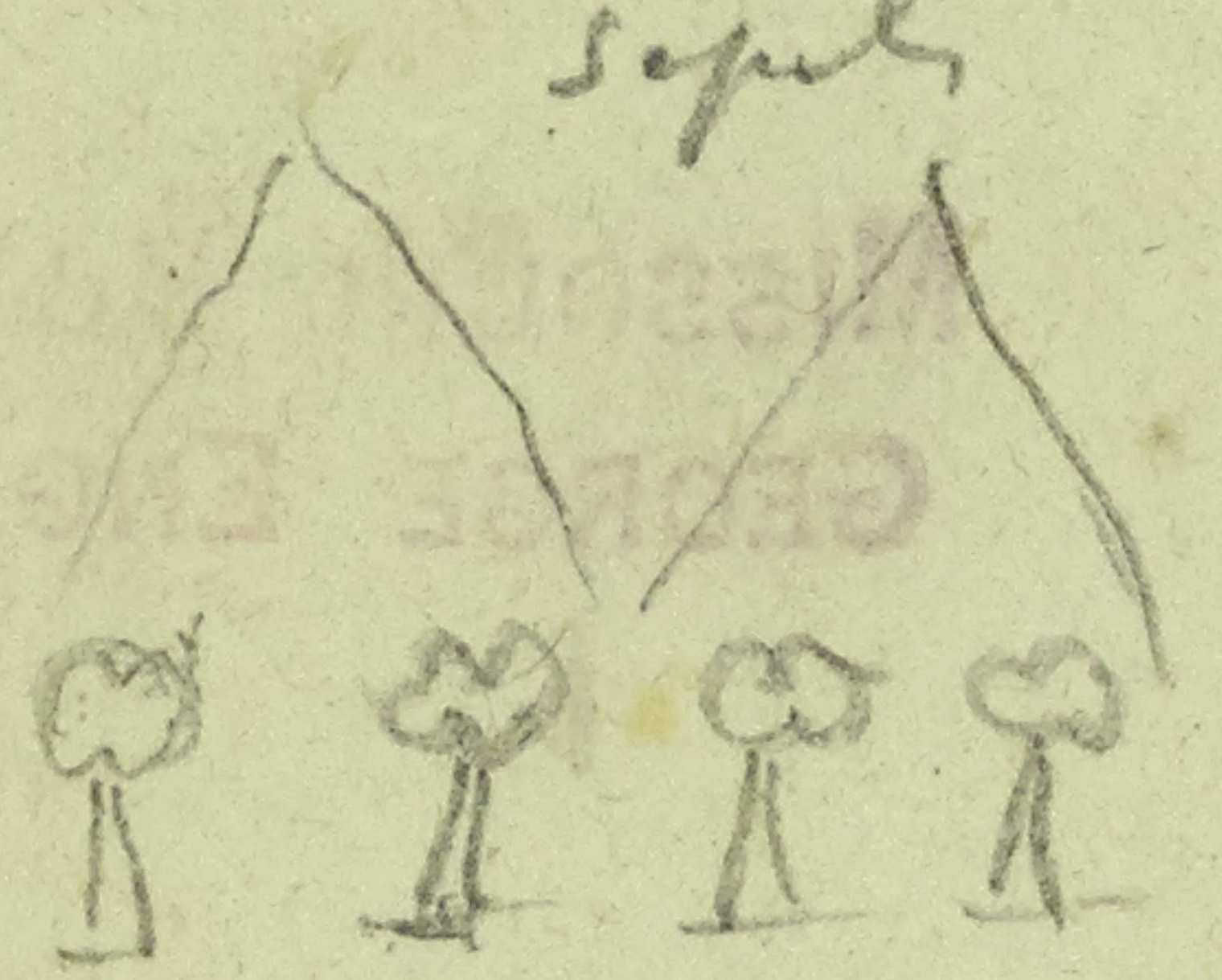

x10
x30
seed

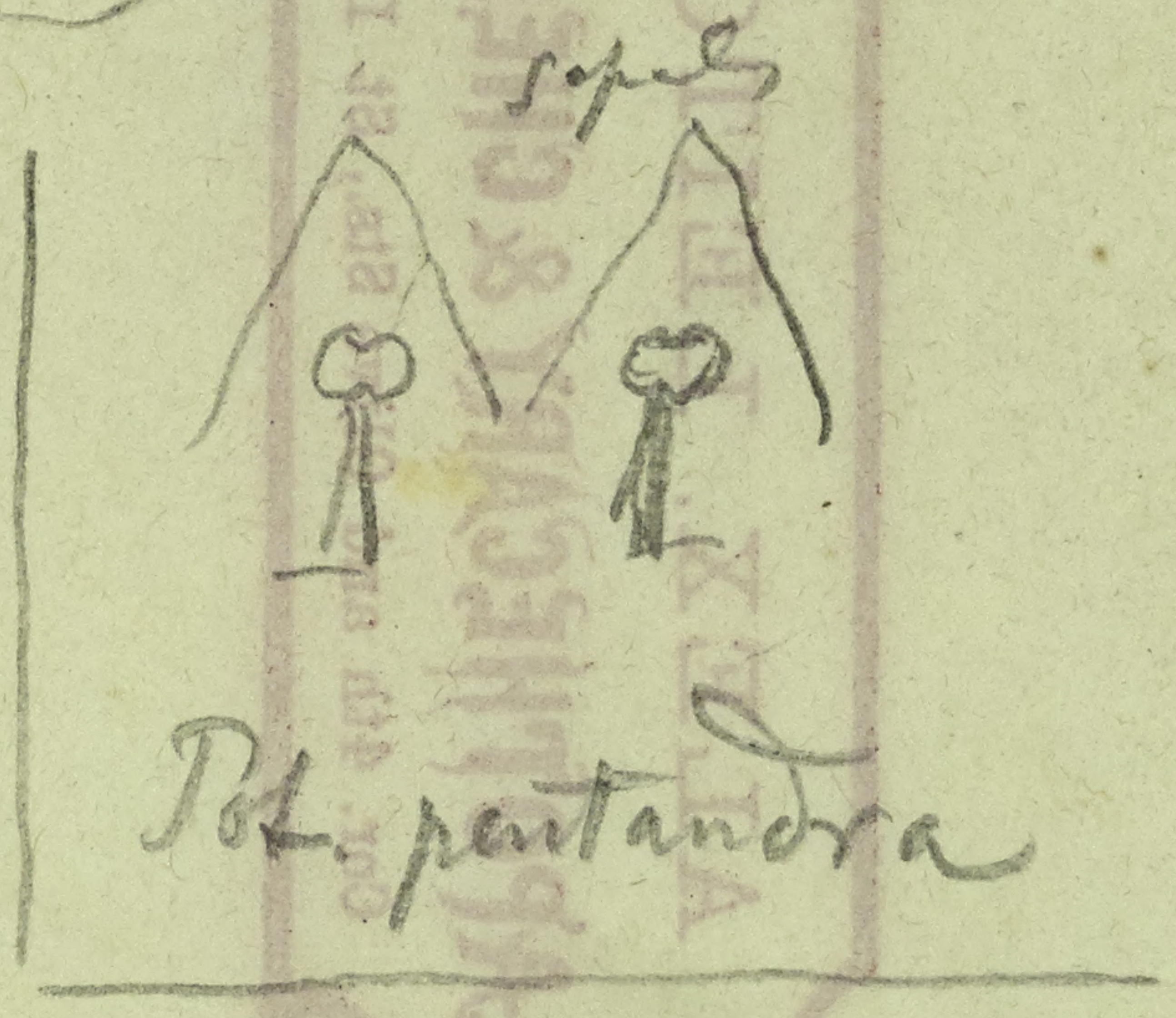


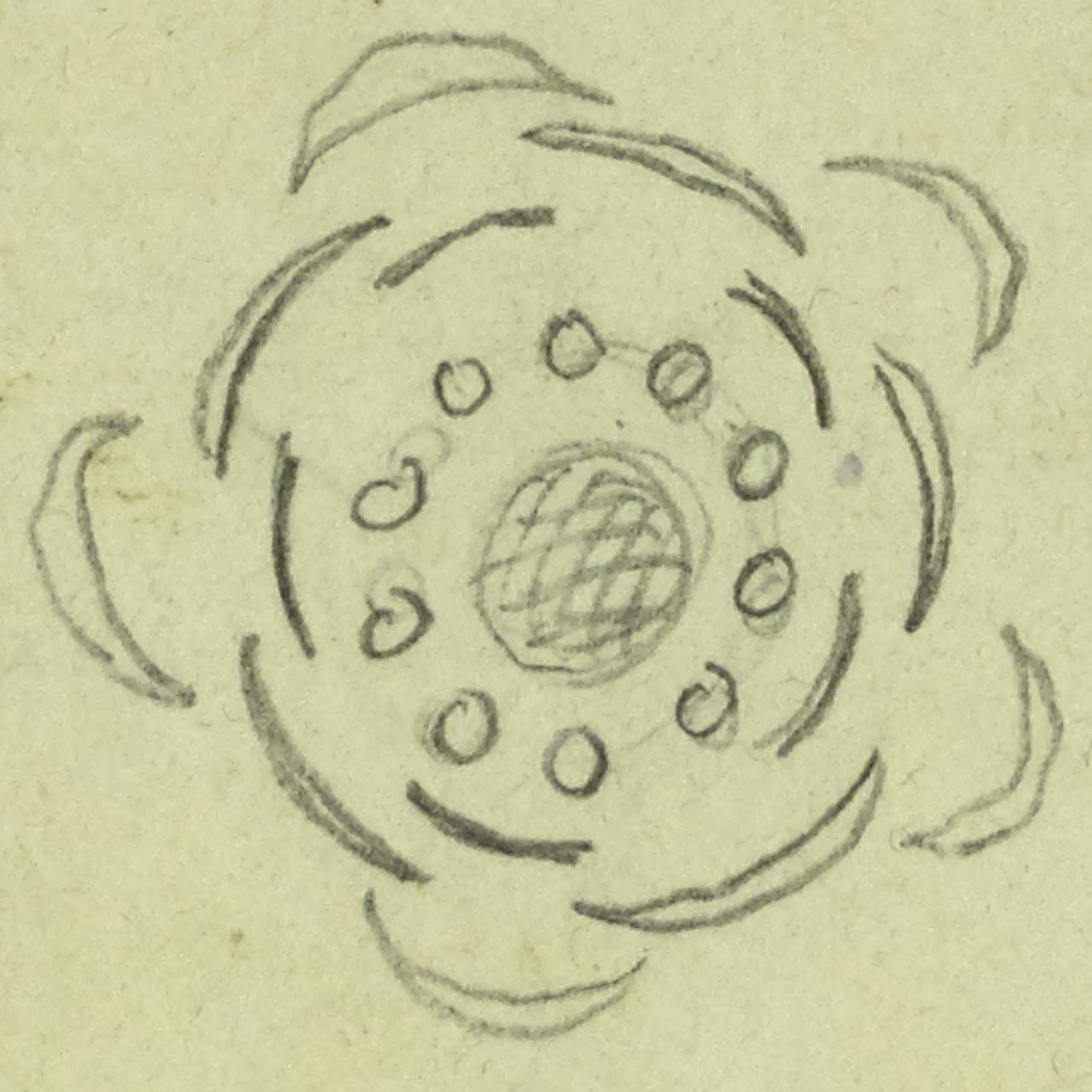



Pollen x 415






sepals
Pot. pentandra



sometimes 1-2 or
even 3 longer
(inner?) stamens (opp. sepal) present.

folia infima sub-
pinnata seu
ternata, foliolo ultimo
3fido

CHEMIST

ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St Louis.

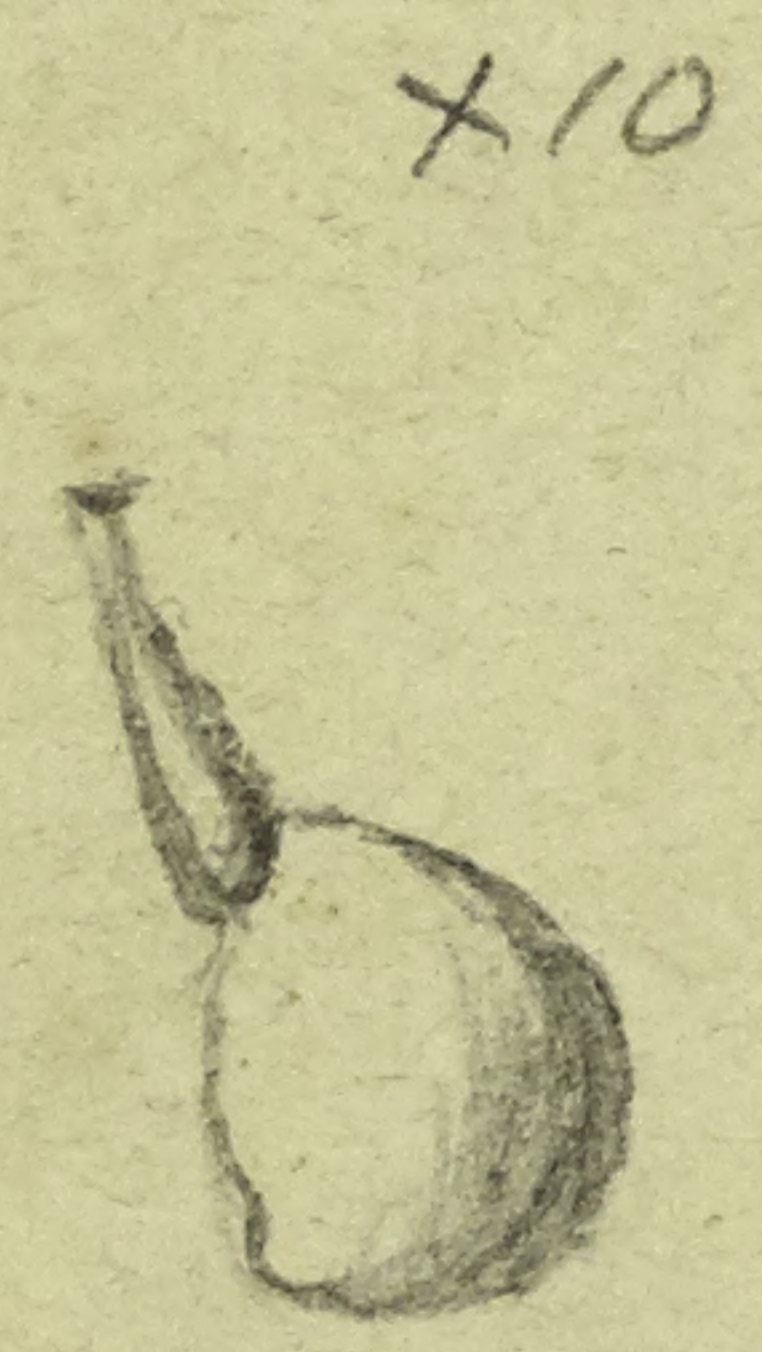
ALL THE NEW REMEDIES CONSTANTLY ON HAND

20 P. millegrana Dougl. June 8 1867

var

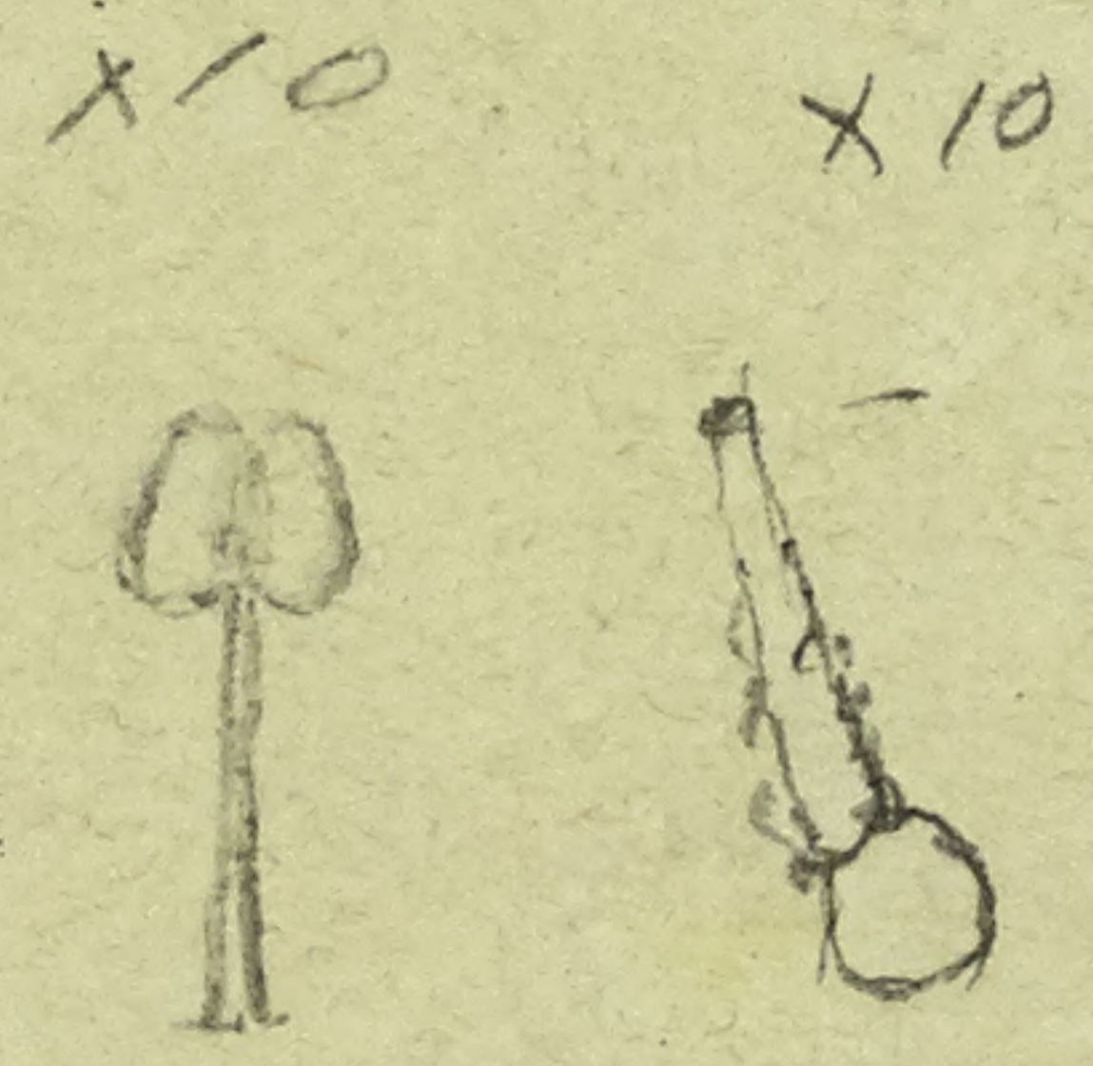
① Yellowstone

667

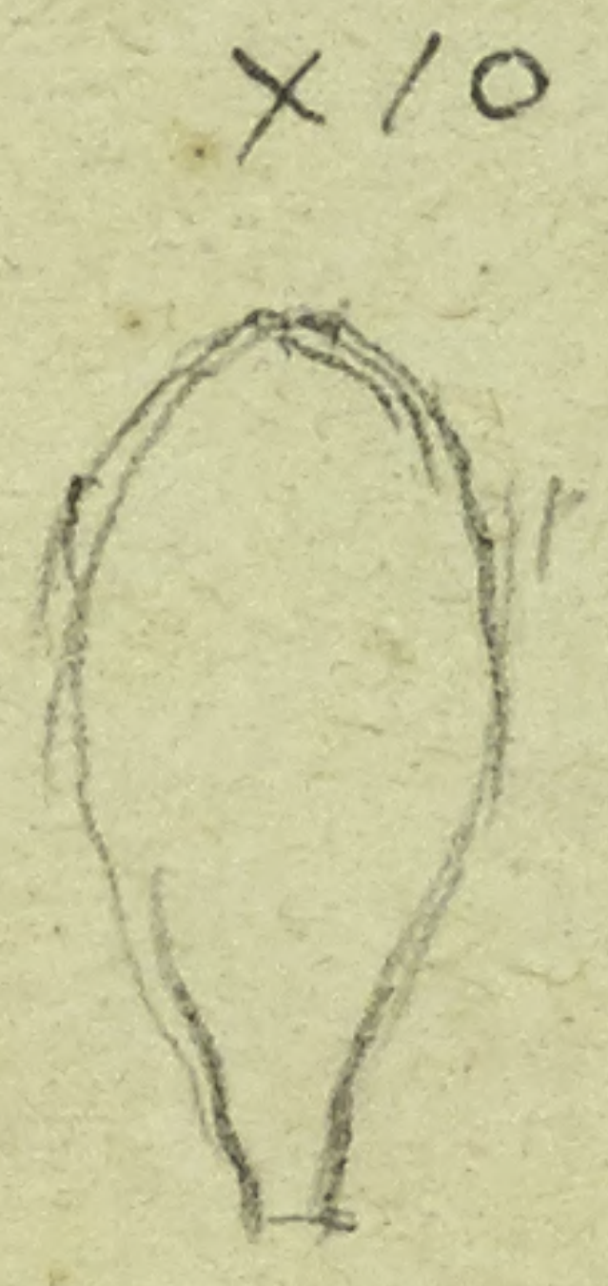


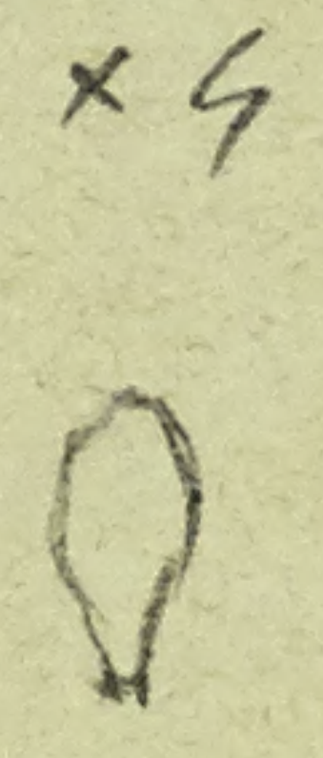
style shorter or nearly as long as smooth achen. easily falling off

receptaclum oblong stipitate, very little hairy; also interior of calyx tube slightly hairy

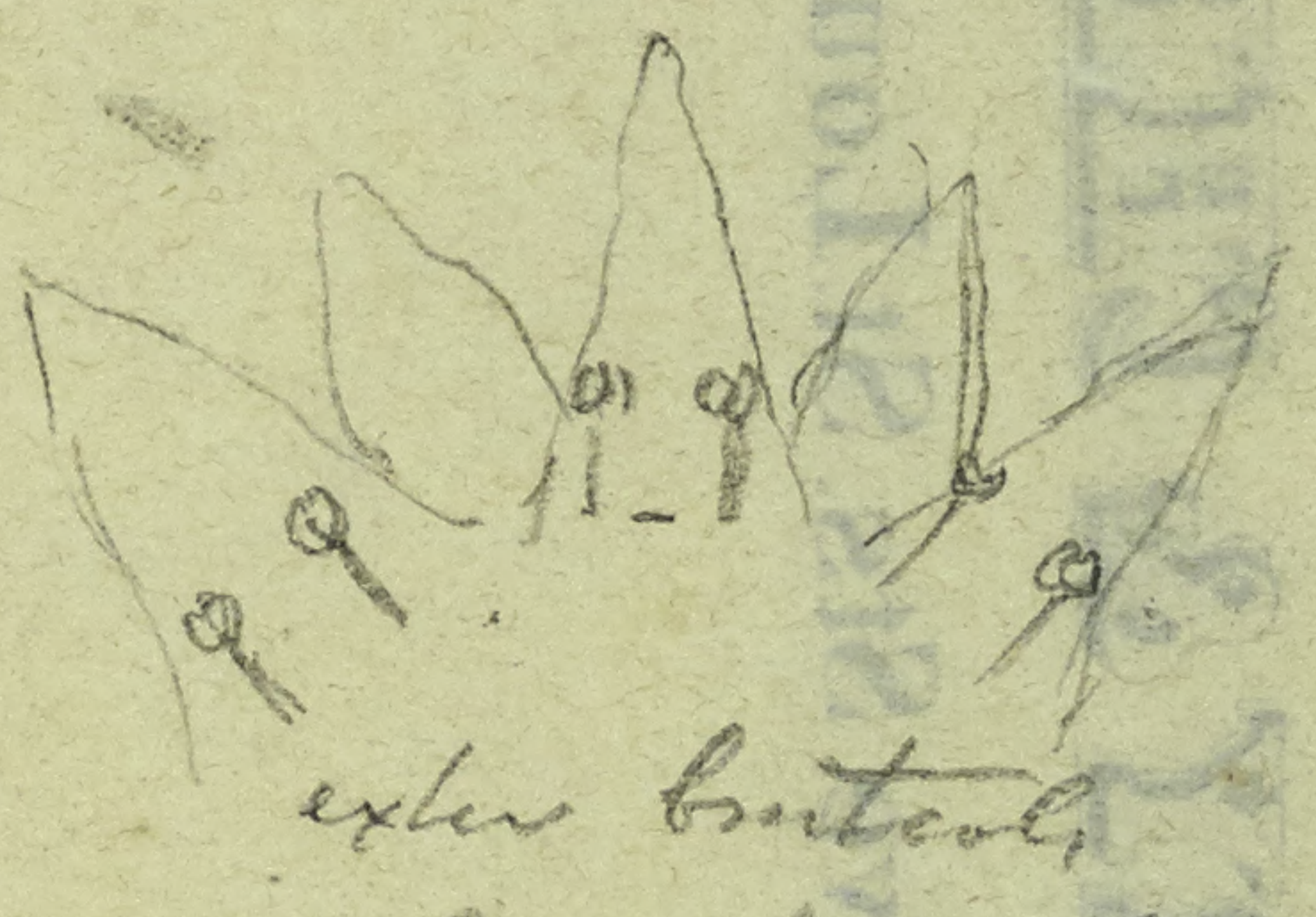


10 stamens, 2 before each sepal





Petal shorter than Calyx



exter bracteol, almost as long or at least ⅔ length of sepal

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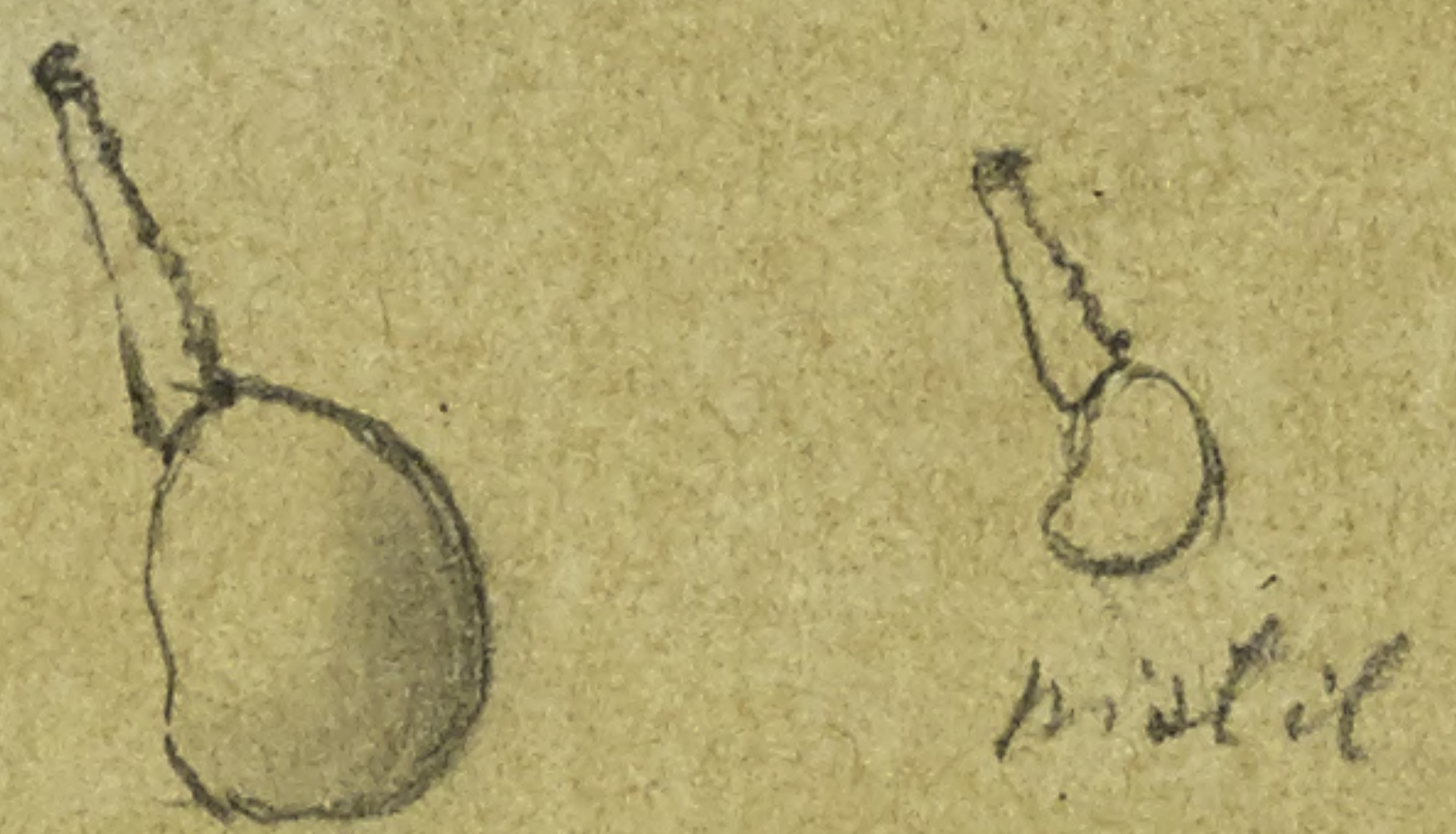
Cor 4th. & Olive Sts. St. Louis.

Potentilla millegrana Dougl. June 9 1867

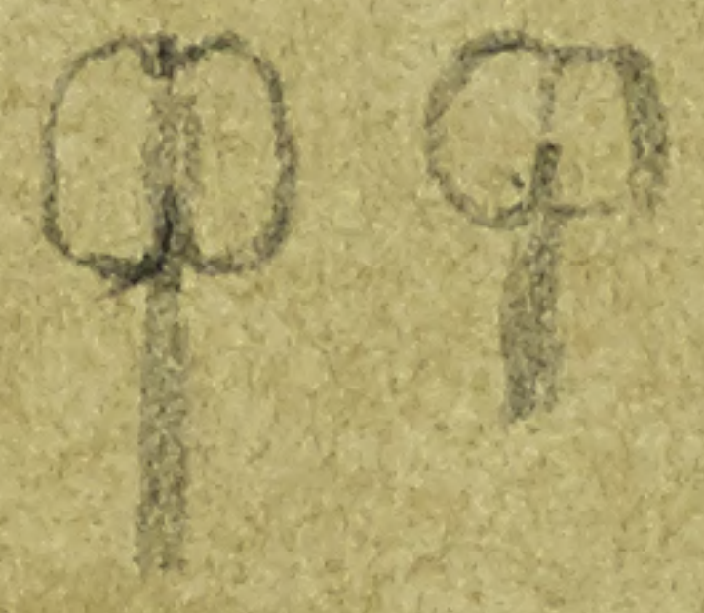
coll. Hort Carlsruhe

P. millegrana Dougl.
var calviflora Eng

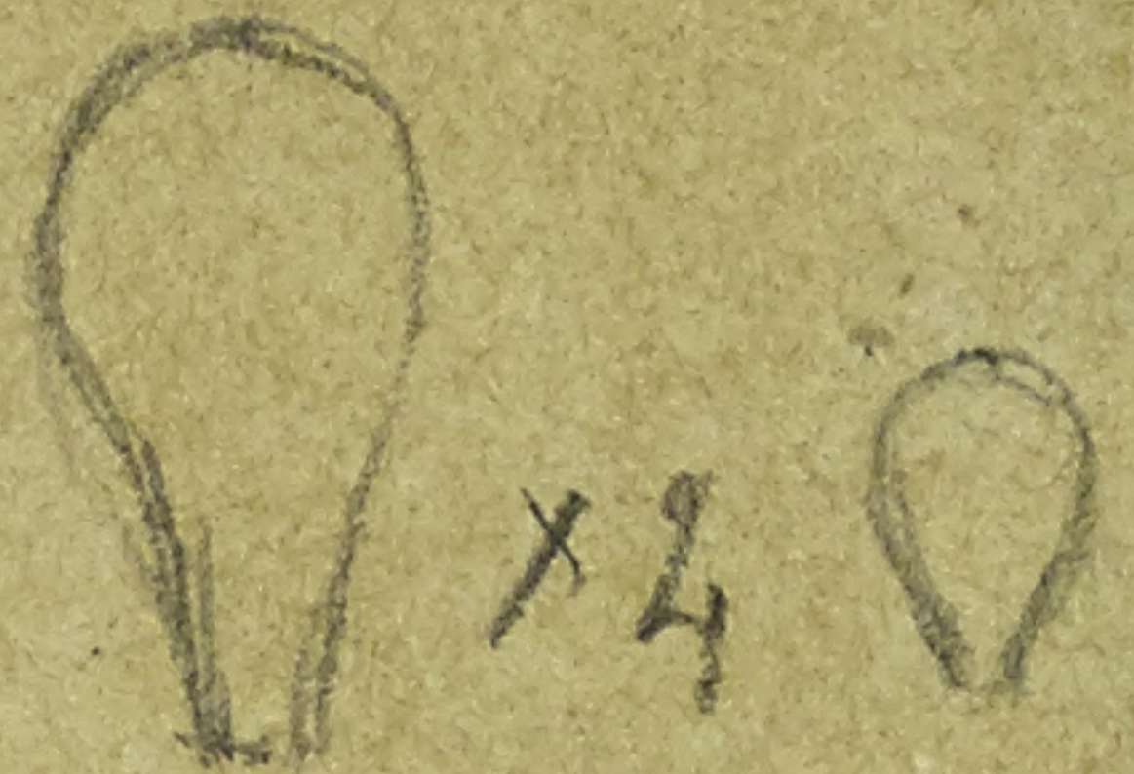
668



very large oblong
head of Achenes
very slightly hairy



10 - 15
stamens
middle one,
opposite the
sepal often
wanting and
if present
with smaller anther
Disc slightly hairy



petals of different size
in same plant

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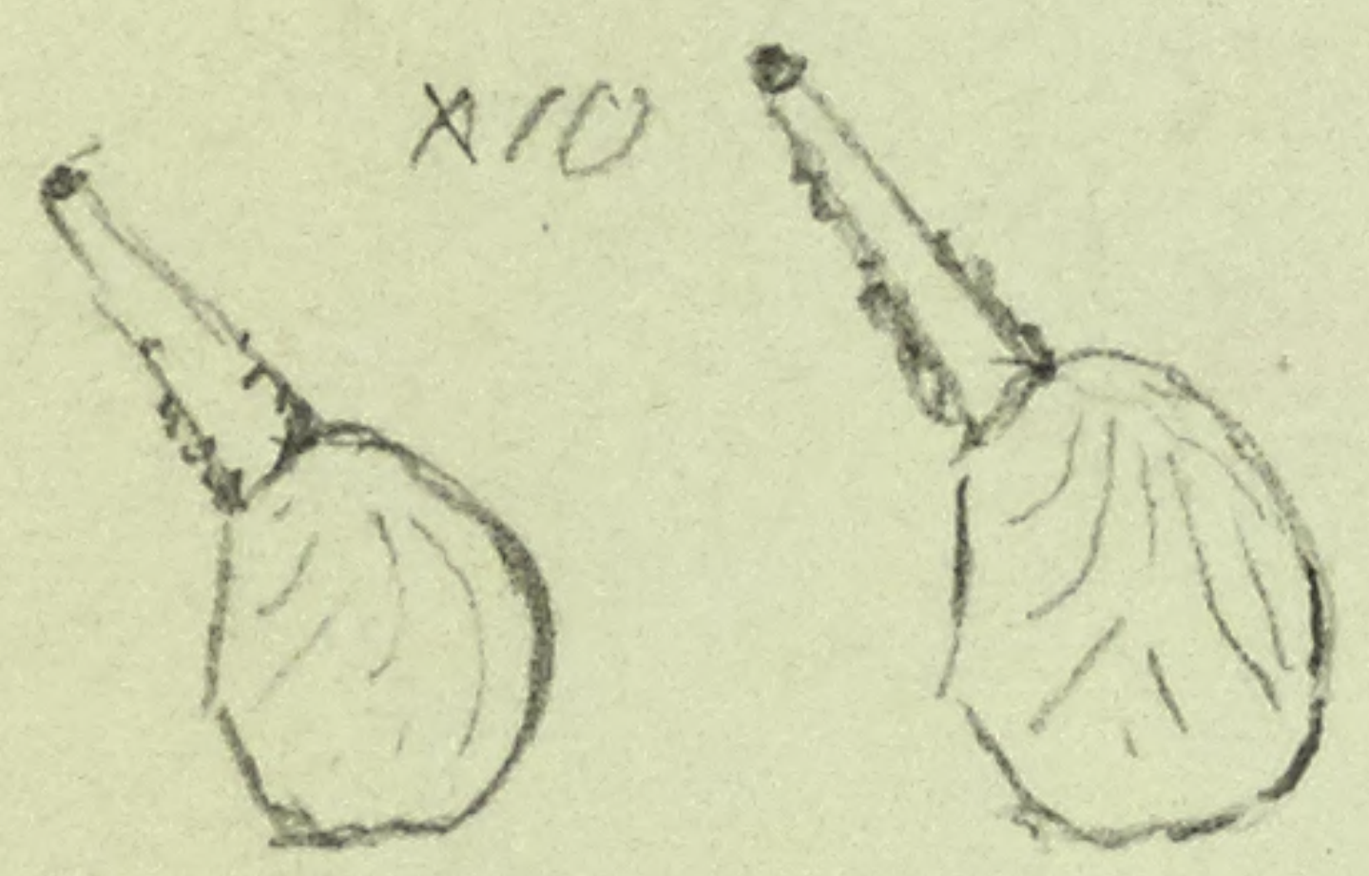
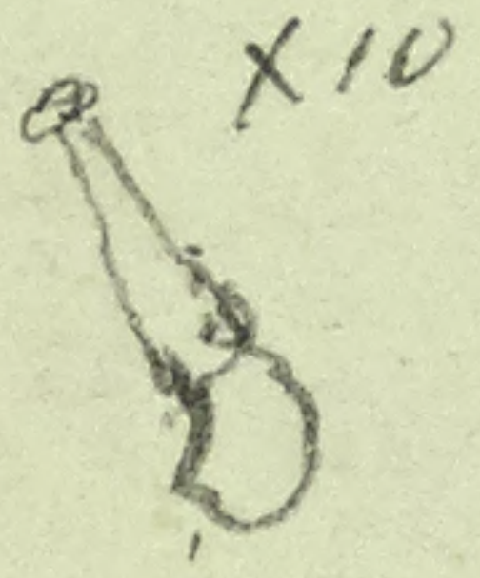
P. nivalis Nutt June 12 1867

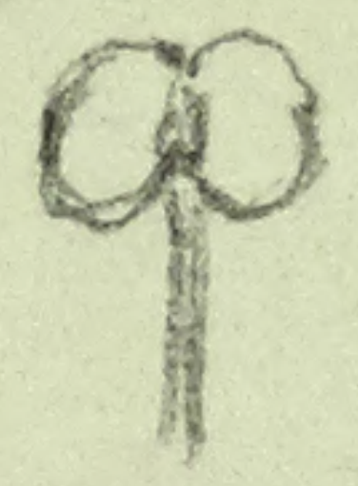
Santa Fe Fendler 203

669



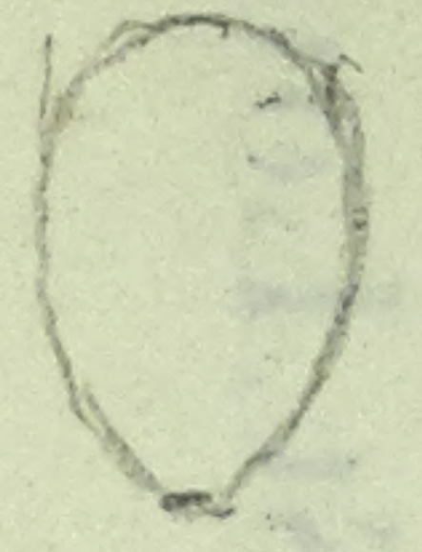
achen. laevissime costat. matura





10 stam

like P. millegr.



Petal x4

Alex. Leitch,
APOTHECARY & CHEMIST,
Cor. 4th & Olive Sts., St. Louis.

669 A

18

P. viridis Nutt

Editorial Department.

REVIEWS AND BIBLIOGRAPHICAL NOTICES.

PAGET'S SURGICAL PATHOLOGY.

[Continued.]

Mr. Paget embraces in his theory the doctrine of complemental nutrition, first taught by C. F. Wolff, illustrating the subject as follows:

"A great change in nutrition rarely takes place in a single organ at a time; for example, the growth of the beard at the period of puberty in man, the growth and perfection of the plumage of the bird at breeding time; but as in man, when the development of the genital organs is prevented, that of the beard and all other external sexual characters is, as a consequence, hindered, so in birds, when the breeding season ends, and the sexual organs pass gradually into their periodic atrophy, at once the plumage begins to assume the pale and more sober colors, which characterizes the barrenness of winter." He next refers to certain interesting specimens presented to the museum by Sir Philip Egerton, showing the interesting fact, "that if a buck be castrated while his antlers are still covered with velt, their growth is checked, they remain as if truncated, and irregular nodules of bone project from their surfaces." "The fact is not, hitherto, explained; it is inexplicable, by believing that the materials which, in the formation of these organs of external sexual character, are removed from the blood, leave or maintain the blood in the state necessary for the further development, growth and active function of the proper sexual or reproductive organs." "The concurrent development of the thymus gland and air breathing organs during the body's growth of the thyroid gland and the brain, (instances

2.—*Monthly Mean of Temperature, Fahrenheit.*

JANUARY.

YEAR.	6 A. M.	9 A. M.	12 M.	3 P. M.	6 P. M.	9 P. M	MEAN OF MONTH.
1861	26.9	29.5	35.3	37.4	33.5	30.8	32.2
1862	27.1	27.3	30.1	30.7	29.5	28.5	28.9
1863	31.9	34.0	39.4	41.2	38.3	36.1	36.8
1864	22.6	25.2	32.6	35.1	31.5	28.0	29.2
1865	21.9	24.2	31.5	33.1	30.2	27.9	28.1
1866	27.0	29.1	34.8	36.8	33.8	31.5	32.2
Mean	26.2	28.2	33.9	35.7	32.8	30.5	31.2

FEBRUARY.

YEAR.	6 A. M.	9 A. M.	12 M.	3 P. M.	6 P. M.	9 P. M	MEAN OF MONTH.
1861	34.2	35.4	43.7	46.7	42.8	39.7	40.4
1862	23.9	27.0	33.6	35.9	31.9	29.2	30.2
1863	31.3	33.7	38.7	39.4	36 6	34.4	35.7
1864	30.4	34.4	42.2	45.5	40.9	36.4	38.3
1865	33.4	36.1	41.7	43.3	39.4	36.8	38.4
1866	27.3	30.0	37.0	38.7	35.2	32.5	33.4
Mean	30.1	32.8	39.5	41.6	37.8	34.8	36.1

3.—*Monthly Mean of Relative Humidity.*

JANUARY.

YEAR	6 A. M.	9 A. M.	12 M.	3 P. M.	6 P. M.	9 P. M.	MEAN OF MONTH.
1861	....	....	....	....	....	....	72.2
1862	91.5	87.5	78.5	79.0	85.2	90.0	85.3
1863	94.1	83.9	75.0	71.9	79.3	86.0	81.7
1864	90.8	79.3	65.9	62.7	75.4	79.8	75.6
1865	89.3	77.5	64.3	62.8	73.7	79 9	74.6
1866	87.1	77.1	67.2	65.3	74.6	79.1	75.1
Mean	90.6	81.1	70.2	68.3	77.6	82.9	77.4

FEBRUARY.

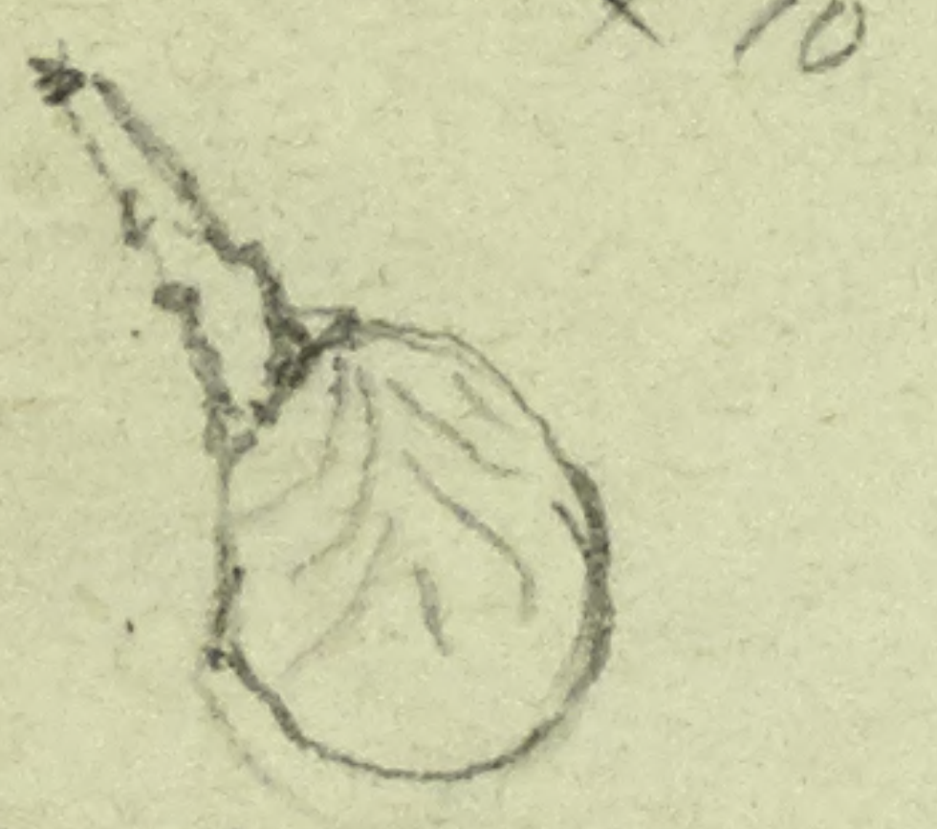
YEAR	6 A. M.	9 A. M.	12 M.	3 P. M.	6 P. M.	9 P. M.	MEAN OF MONTH.
1861	....	....	....	....	....	....	63.3
1862	89.1	79.2	65.8	61.5	72.2	75.5	73.9
1863	94.1	83.9	75.0	71.9	79.3	86.0	81.7
1864	79.0	65.0	53.5	49.0	59.9	70.0	62.7
1865	86.2	73.8	63.7	60.8	70.8	76.7	72.0
1866	85.3	70.8	62.9	59.5	68.6	76.5	70.6
Mean	86.8	74.5	64.2	60.5	70.2	76.9	70.7

Errata. In the last No. of *Journal*, on page 70, line 6, for the word "*destination*" read *declination*.

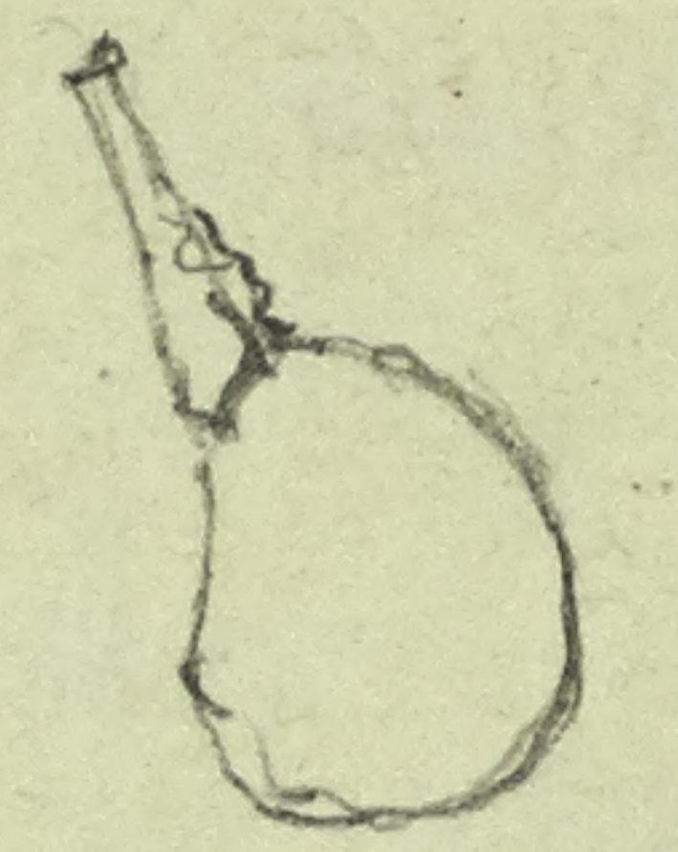
P. rivalis June 12 1867

cult – H.B. Freiburg 1849

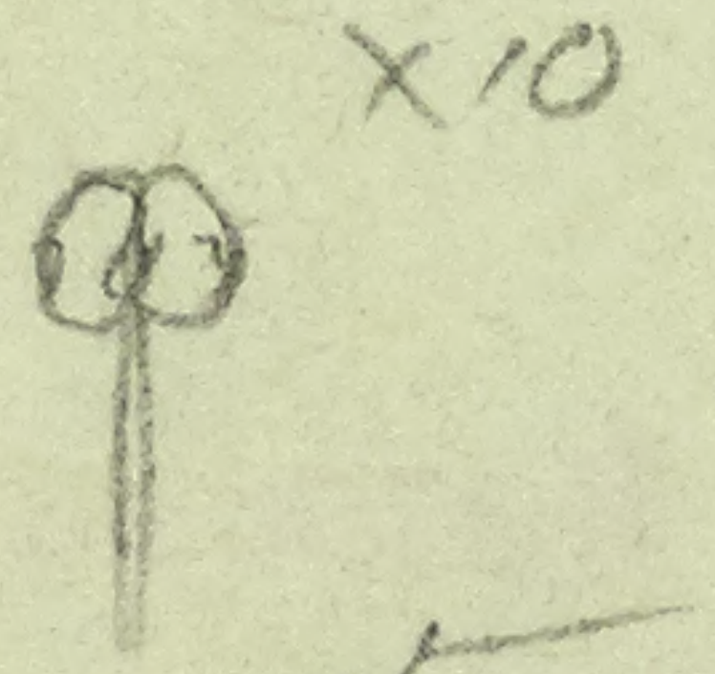
670



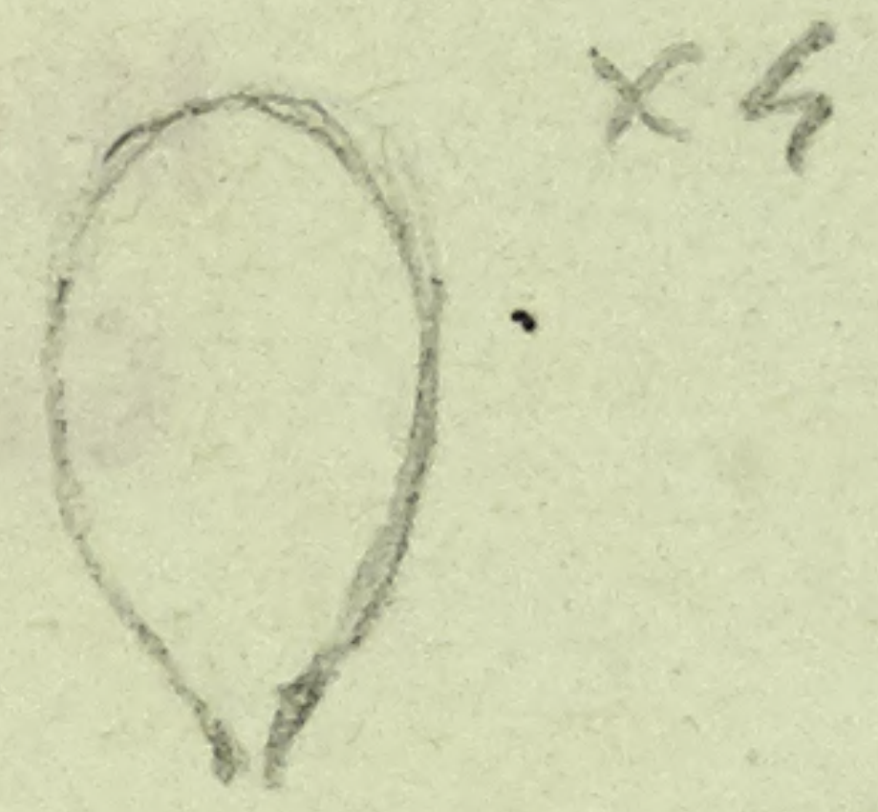
fully ripe



smooth
not fully
ripe



10 stam
sometimes
1 or 2 more
opp petals



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Differs from the allied Loeselia albiflora ~~by its smoothness~~ but near L. Pickeringii

671

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19

671A

Hystrix
Isoetes
see Gray Am. Jour. 6, 530

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YEAR.	6 A. M.	9 A. M.	12 M.	3 P. M.	6 P. M.	9 P. M	MEAN OF MONTH.
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1865	33.4	36.1	41.7	43.3	39.4	36.8	38.4
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1862	91.5	87.5	78.5	79.0	85.2	90.0	85.3
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Mean	90.6	81.1	70.2	68.3	77.6	82.9	77.4

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1861	....	....	....	....	....	....	63.3
1862	89.1	79.2	65.8	61.5	72.2	75.5	73.9
1863	94.1	83.9	75.0	71.9	79.3	86.0	81.7
1864	79.0	65.0	53.5	49.0	59.9	70.0	62.7
1865	86.2	73.8	63.7	60.8	70.8	76.7	72.0
1866	85.3	70.8	62.9	59.5	68.6	76.5	70.6
Mean	86.8	74.5	64.2	60.5	70.2	76.9	70.7

Errata. In the last No. of *Journal*, on page 70, line 6, for the word "*destination*" read *declination*.

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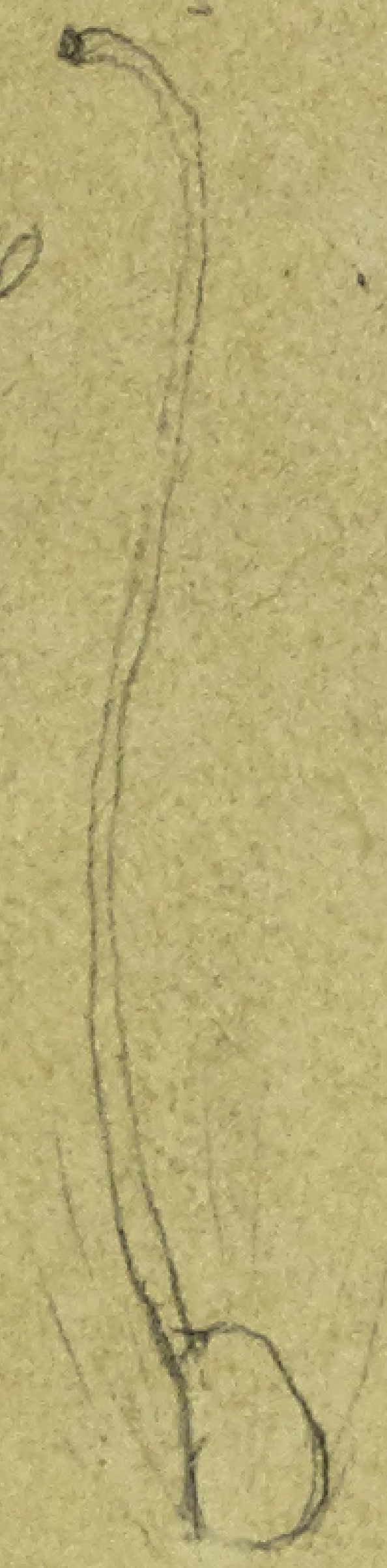
Ivesia n. s. June 9 1867

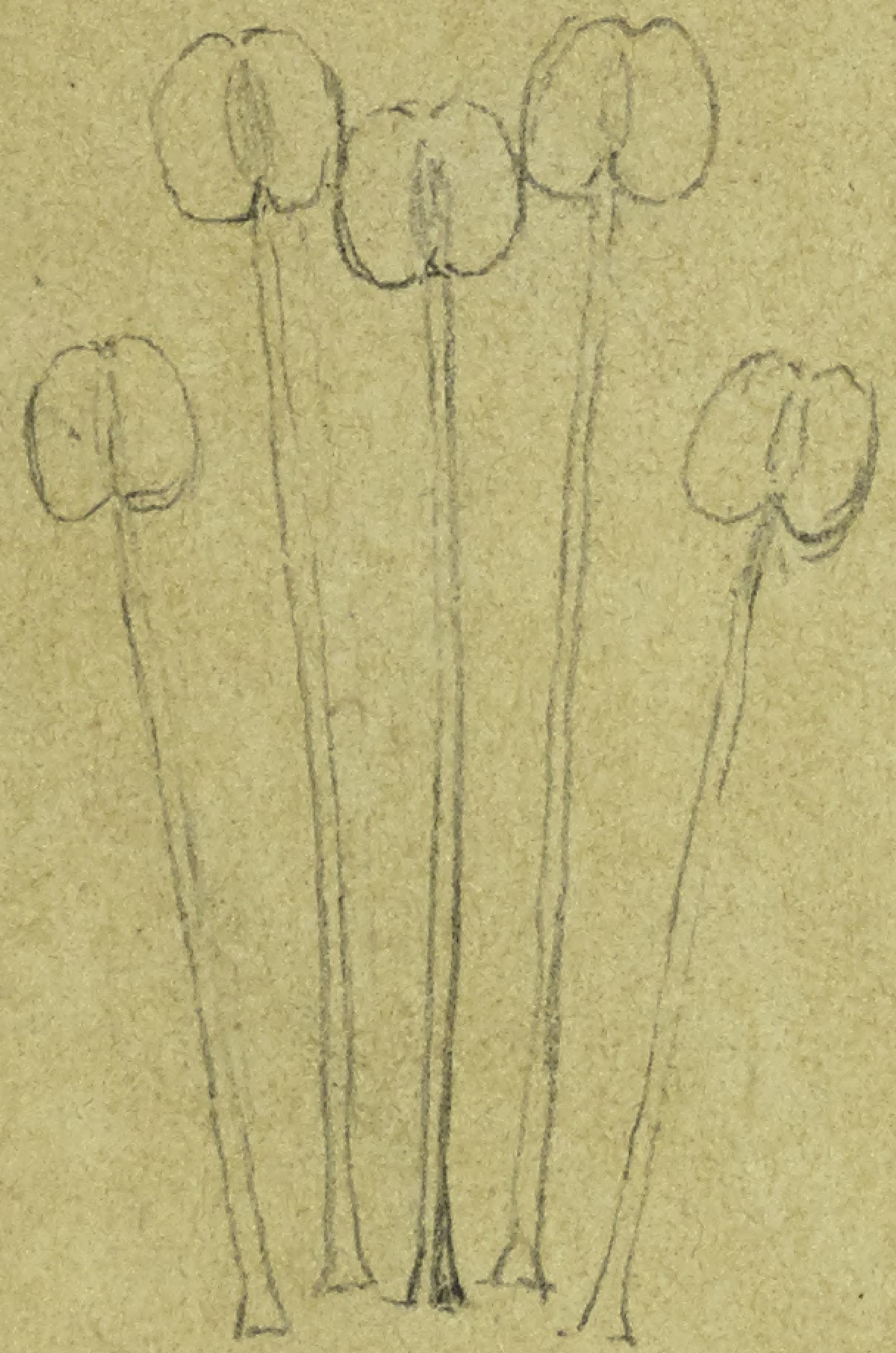
(compacta?) Heinrich Engelm

June 9, Hot Springs, Nevada

x 10



about 5 pistils



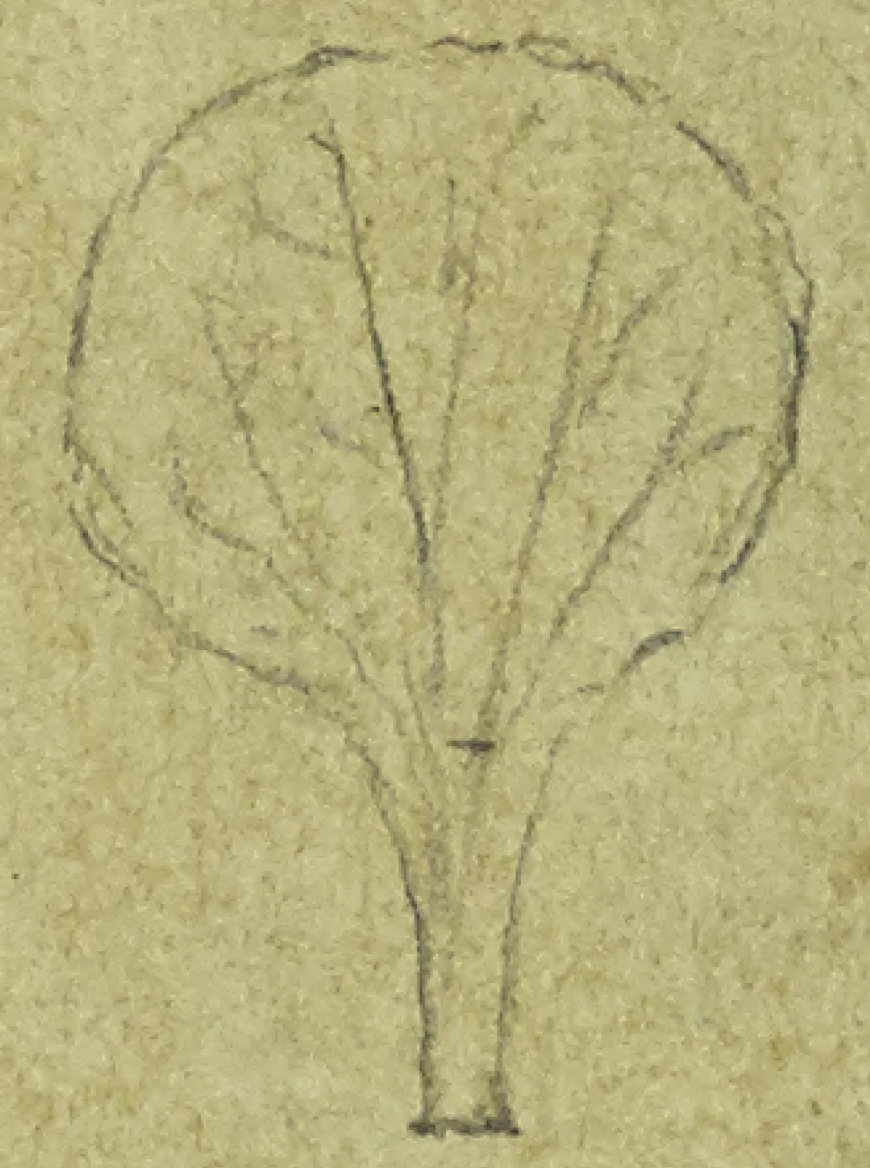
longest stamens are the two lateral ones!

20 stam

below the stamens a naked (glandular?) part of tube, only the lowest portion covered with long dense stiff hair

petals white

x 4



672

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22

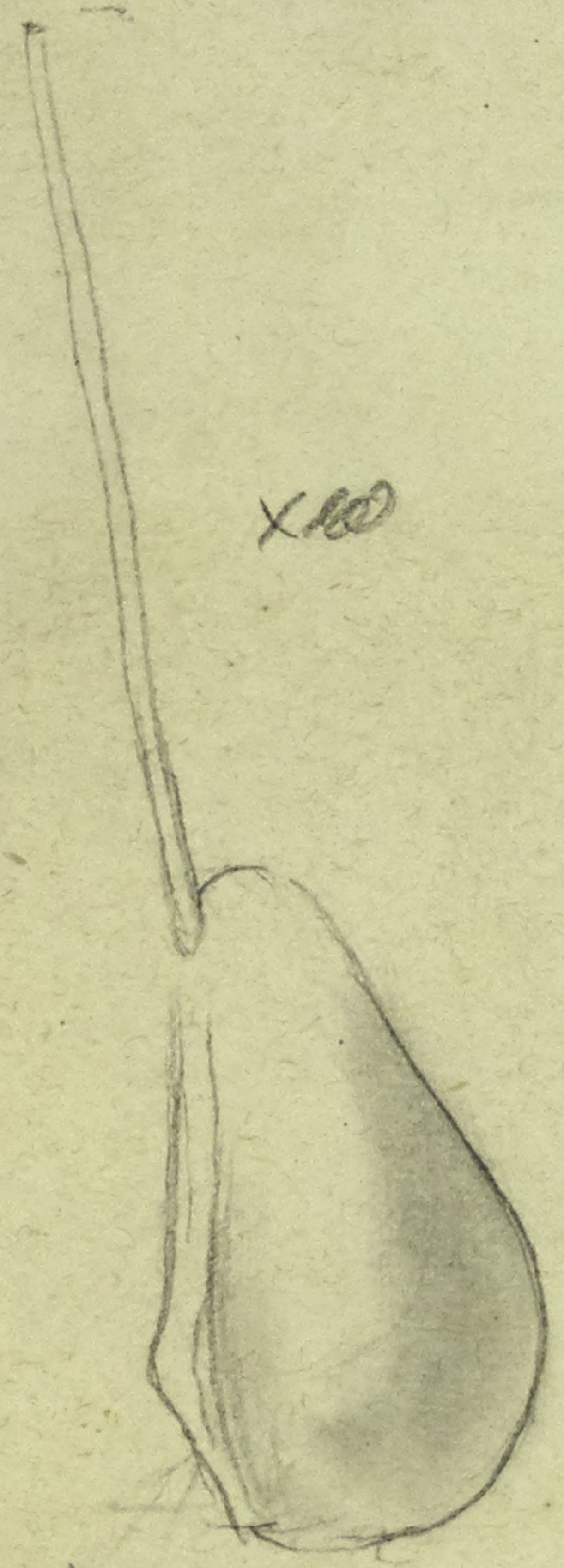
Ivesia n. sp. June 8 1867

see Gray in Am Acad 6, 530 p. 157

H. Engelmann July 6

Reese's River

673



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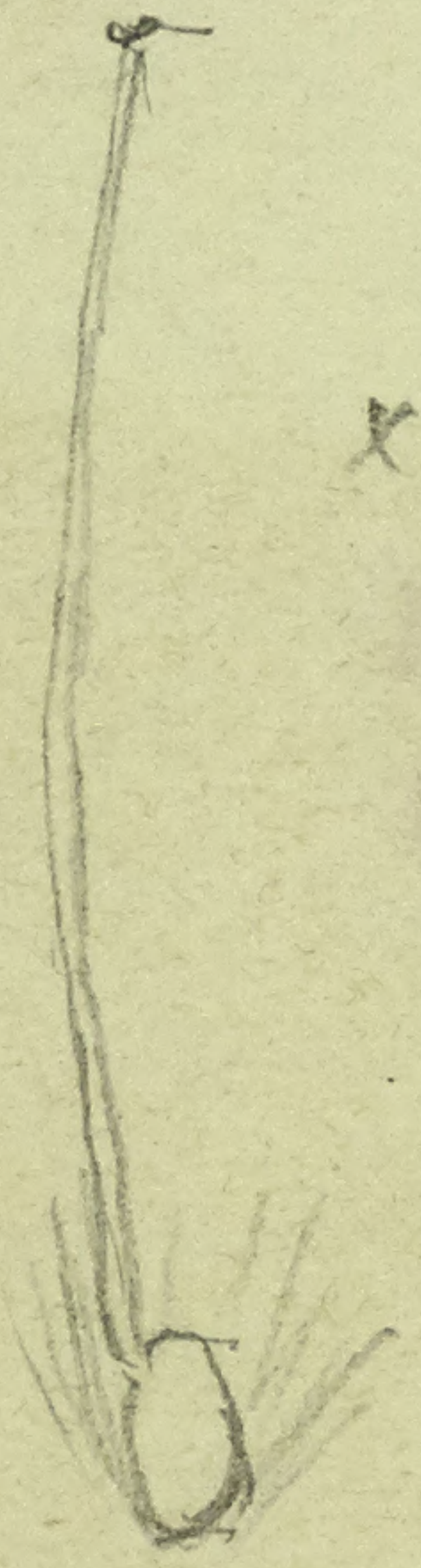
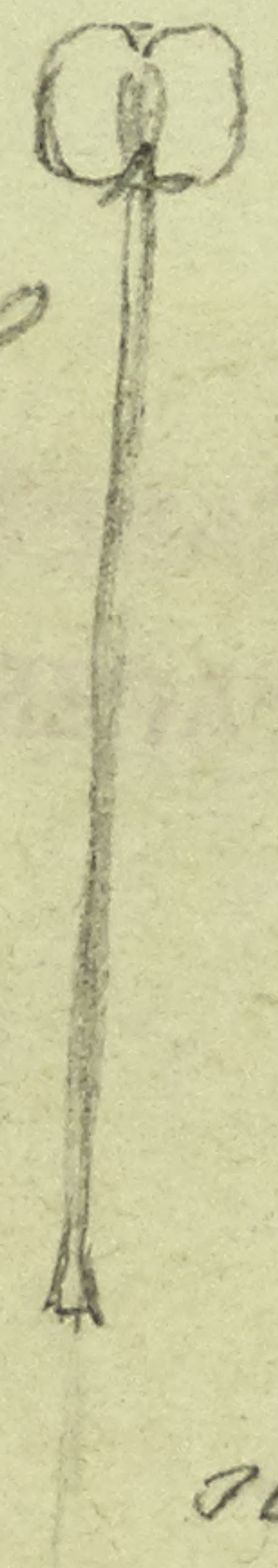
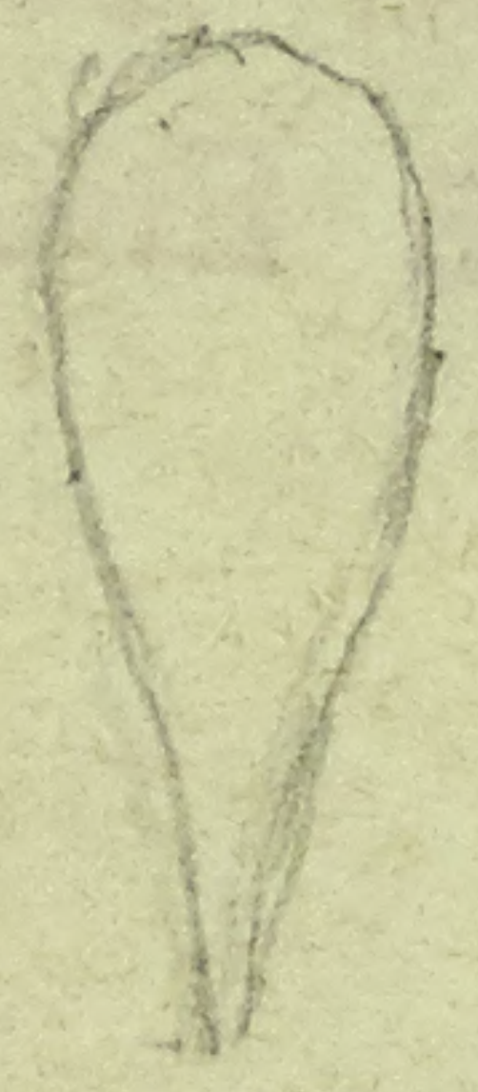


pistil
few, 2-4
very villous small
conical recept



stamens
16-18 ?
always
betw
15 & 20
the shortest
ones alternating
with sepals often
defective



petal
x4
white

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